



SEQUENCE LISTING

<110> Khosla, Chaitan
Kao, Camilla

<120> METHOD TO PREPARE MACROLIDE ANALOGS

<130> 300062-20005.09

<140> US 10/733,184

<141> 2003-12-10

<150> US 09/740,313

<151> 2000-12-18

<150> US 08/846,247

<151> 1997-04-30

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> DNA

<213> Artificial Sequence

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<223> Primer rapAT2 (forward)

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<210> 2

<211> 36

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<223> Primer rapAT2 (reverse)

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<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (forward)

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<210> 4

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (reverse)

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 <210> 5
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 <220>
 <223> Primer rapDH/KR4 (forward)

 <400> 5
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 <400> 6
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 <223> Primer rapDH/ER/KR1 (left half) (forward)

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 <210> 9
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 <210> 10
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<223> Primer rapDH/ER/KR1 (right half) (reverse)

<400> 10
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<210> 11
 <211> 24
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<220>
 <223> Junction sequence for PstI site

<400> 11
 gagccccagc ggtactggct gcag 24

<210> 12
 <211> 24
 <212> DNA
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<220>
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<400> 12
 tctagagcgg tgcaggcggc cccg 24

<210> 13
 <211> 30
 <212> DNA
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<220>
 <223> Primer (forward) for left flank

<400> 13
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<210> 14
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (reverse) for left flank

<400> 14
 tttctgcagc cagtaccgct ggggctcgaa 30

<210> 15
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer (forward) for right flank

<400> 15
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<210> 16
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 <212> DNA
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<220>
 <223> Primer (reverse) for right flank

 <400> 16
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 <210> 17
 <211> 24
 <212> DNA
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 <400> 17
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 <210> 18
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 <212> DNA
 <213> Artificial Sequence

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 <400> 18
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 <210> 19
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 <212> DNA
 <213> Artificial Sequence

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 <223> Resulting engineered DEBS/rapAT2 junction

 <400> 19
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 <210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Resulting engineered DEBS/rapAT2 junction

 <400> 20
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 <210> 21
 <211> 47
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide linker designed to generate
 PstI-compatible ends upon hybridization

 <400> 21
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 <210> 22

<211> 55
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide linker designed to generate
 XbaI-compatible ends upon hybridization

 <400> 22
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 <210> 23
 <211> 12
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Sequence at the fusion

 <400> 23
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 <210> 24
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 <212> DNA
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 <223> Sequence at the fusion

 <400> 24
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